

ULITSKIY, Iosif Isaakimovich; CHZHAN CEZHUN-YAO [Chang Chung-yao];
GOLYSHEV, Aleksandr Borisovich; NEMENKO, L., red.; BOYKO, V..
tekhn.red.

[Design of reinforced-concrete construction taking long-term
processes into consideration] Raschet zhelezobetonykh
konstruktsii s uchetom dlitel'nykh protsessov. Kiev, Gos.
izd-vo lit-ry po stroit. i arkhit. USSR, 1960. 494 p.

(MIRA 14:3)

(Reinforced concrete construction)

ULITSKIY, I.I.,kand.tekhn.nauk; GOLYSHEV, A.B.,kand.tekhn.nauk

Prestressing losses due to the shrinkage and creep of fine concrete.
Bet. i zhel.-bet no.9:413-418 S'60. (MIRA 13:9)
(Prestresses concrete) (Strains and stresses)

3/081/62/000/003/059/090
B149/B102

15.3.200

AUTHORS: Golyshov, A. B., Mil'to, A. A.

TITLE: The possible use of glass-plastics as reinforcement for concrete structures

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 3, 1962, 393-394.
abstract 5K370 (Izv. vyssh. uchebn. zavedeniy. Str-vo i arkitekt., no. 3, 1961, 25-32)

TEXT: Results are given of experimental investigations into the determination of concrete strength, deformations, anchorage and bond for glass-plastic reinforcing bars. The resistance to cracking and rigidity of concrete structures reinforced with glass-plastic material is also considered. The ultimate tensile strength was determined, as well as the following: elastic modulus and the character of time growth of residual deformations in reinforcement. The experiments were conducted in different media (air, water, concentrated solution of $\text{Ca}(\text{OH})_2$). The use of glass plastics as pre-stressed reinforcement by good prospects, since rigidity and resistance to cracks of unstressed glass plastic reinforced

Card 1/2

/B

The possible use of...

S/081/62/000/003/059/090
B149/B102

bars are considerably lower than in unstressed steel reinforced bars. The losses of stress in glass plastics reinforcement from elastic compression, creep, and shrinkage are 5 or 6 times lower than the corresponding losses in steel reinforcement. [Abstracter's note: Complete translation.]

✓B

Card 2/2

GOLYSHEV, A.B., kand. tekhn. nauk

Determination of shrinkage stresses in reinforced concrete
pressure pipes. Stroi. truboprov. 7 no. 5:7-8 My '62.
(MIRA 16:6)

1. Ural'skiy filial Akademii stroitel'stva i arkhitektury
SSSR, Chelyabinsk.
(Pipe, Concrete)

GOLYSHEV, A.B., kand.tekhn.nauk

Effect of the shrinking of monolithic concrete on the design of
precast monolithic elements. Bet. i zhel.-bet. 8 no.3:120-122
Mr '62. (MIRA 15:3)
(Precast concrete)

GOLYSHEV, A.B., kand. tekhn. nauk, red.; SPEKTOR, G.L., red.

[Reinforced concrete elements; theoretical and experimental studies] Zhelezobetonnye konstruktsii; teoreticheskie i eksperimental'nye issledovaniia. Sbornik trudov. Cheliabinsk, Akad.stroit. i arkhit. SSSR, 1963. 259 p. (MIRA 17:3)

ACCESSION NR: AR4033716

S/0081/64/000/003/S099/S099

SOURCE: Referativnyy zhurnal. Khimiya, Abs. 3S620

AUTHOR: Golyshhev, A. B.; Mil'to, A. A.; Borisyuk, Z. S.

TITLE: Experimental investigation of the properties of a plastobeton based on FA monomer

CITED SOURCE: Sb. Eksperim. teor. issled. zhelezobeton. konstruktsiy. M., Gosstroyizdat, 1963, 15-29

TOPIC TAGS: concrete, organomineral concrete, plastobeton, furfural acetone based concrete, reinforced concrete, armoplastobeton, concrete physical property, cement

ABSTRACT: The authors investigated the properties of an organomineral concrete, plastobeton (PB), which consists of a furfural-acetone (FA) monomer with a mineral filler. A PB of the following composition was prepared (wt %); sand 83.2, FA monomer 12, benzenesulfonic acid 4.8 and acetone 10% of the weight of benzenesulfonic acid. In the investigation of armoplastobeton (APB) properties, smooth 3.2 and 8 mm steel wire was used as the reinforcing element. The strength and deformation characteristics of cement-based materials were investigated in a parallel study.

Card 1/2

ACCESSION NR: AR4033716

Mechanical tests were carried out on cubic and prismatic strength, compression and elongation deformation, and notch toughness as well as studies of PB-to-framework adhesion, PB water and petroleum impermeability, corrosive action on the framework, frost, atmosphere and sea water stability and PB aging. It has been found that PB is superior to cement-based materials in many physical-mechanical characteristics. The axial elongation and bending strength of PB is about twice as high as that of cement. PB possesses enhanced notch toughness and good framework adhesion. APBs possess high crack resistance (approximately 1.5-2.5 times as high as cement). The use of PB is, however, limited by lower APB rigidity, lack of stability to benzine, a tendency toward aging and difficult setting of the material into molds.

DATE ACQ: 02Apr64

SUB CODE: MA

ENCL: 00

Card 2/2

GOLYSHEV, A.B., kand.tekhn.nauk; MIL'TO, A.A., inzh.

Possibility of using glass plastics as reinforcement for concrete
ship structure. Sudostroenie 29 no.1:54-57 Ja '63. (MIRA 16:3)
(Glass reinforced plastics) (Concrete reinforcement)

GOLYSHEV, A.B., kand. tekhn. nauk; POLISHCHUK, V.P., inzh.; KOLPAKOV, Yu.A.,
inzh.

Solving a relaxation problem during the calculation of continuous
combined structures for the settling of supports. Sbor. trud. Inzh.-
stroi. fak. Chel. politekh. inst. no.3: 31-41 '63. (MIRA 17:9)

1. Ural'skiy filial Akademii stroitel'stva i arkhitektury SSSR.

POLISHCHUK, V.P., inzh.; GOLYSHEV, A.B., kand. tekhn. nauk

Calculation of precast monolithic structures of the first and
second categories of crack resistance for continuous action
of an external load. Sbor. trud. Inzh.-stroi. fak. Chel. politekh.
inst. no.3:42-52 '63. (MIRA 17:9)

1. Ural'skiy filial Akademii stroitel'stva i arkhitektury SSSR.

GEMMERLING, V., kand. geol.-min. nauk, red.; GOLYSHEV, A.B.,
kand. tekhn. nauk, red.; CHURKIN, Yu.M., inz., red.;
LIBENZON, I.R., red.

[Building materials and concrete] Stroitel'nye materialy
i betony. Cheliabinsk, 1964. 249 p. (MIRA 17:3)

1. Chelyabinsk. Ural'skiy gosudarstvennyy nauchno-
issledovatel'skiy institut sbornykh zhelezobetonnykh iz-
deliy i konstruktsiy.

GOLYSHOV, G.F.

ALEKSEYEV, P.P.; BESYADOVSKIY, Ye.A.; GOLYSHOV, G.I.; IZAKOV, M.N.; KASATKIN,
A.M.; KOKIN, G.A.; LIVSHCHITS, N.S.; MASANOVA, N.D.; SHVIDKOVSKIY,
Ye.G.

Rocket exploration of the atmosphere. Meteor. i gidrol. no.8:3-13
Ag '57. (MIRA 10:8)
(Atmosphere, Upper) (Rockets in meteorology)

AUTHOR: Golyshev, G. I.

50-11-4/9

TITLE: Advances of Soviet Aerology (Uspekhi sovetskoy aerologii).

PERIODICAL: Meteorologiya i Gidrologiya, 1957, Nr 11, pp. 26-31 (USSR).

ABSTRACT: The development of aerology as independent part of meteorology was forced by the necessity to widen our knowledge on the structure of the atmosphere to great heights as well as of the processes developing in free atmosphere; without it the further perfection of the methods of weather forecast as well as of other branches of technical engineering like, first of all, aviation, would not have been possible. As example of great generalizations which even in our time have not yet lost their importance, the works of D. I. Mendeleyev on automatic apparatus, as well as on the necessity and ways of creating probe balloons a. o. can be regarded.

In October 1920 the Moscow Aerologic Observatory was built. In 1921 the systematic investigations of atmosphere started by means of an airplane and the great advantages of this method of investigating the atmosphere were shown. The development of works in two observatories in Leningrad and Moscow, the organization of flights with scientific aims, the renewal of work in 15 points for the observations with manned balloons in the USSR and the erection of two institutes for the measuring

Card 1/3

Advances of Soviet Aerology.

50-11-4/9

of temperature in Moscow and at Pavlovsk made it possible to obtain the necessary data for scientific generalization. In 1929 the development of the construction of a radio-probe (the first of the world) was finished in the aerologic observatory at Pavlovsk. On September 30, the first flight into the stratosphere was accomplished in a probe balloon. At the end of 1937 the aerologic system of the USSR consisted of 118 stations for observations with manned balloons and 24 stations for temperature probing of the atmosphere. At the Leningrad Institute for Experimental Meteorology, which was opened in 1932, experiments have been made on the formation and dispersion of fog and clouds. In 1948 the aerologic system had already 420 stations for observations with manned balloons and 81 stations for radio probing, i. e. twice as many as before the war. Within the system more than 30 radiometric stations operated (radio-location stations) which secured the data on wind independent from weather conditions. A number of scientists has worked out very exact methods for the finding not only of thunderstorms and rains but also of clouds. For the first time in aerology investigations of the optical characteristics of the free atmosphere including the lower stratosphere were carried out. For these investigations special apparatus were developed which were carried up to great heights by aeroplanes and automatic probe balloons. Completely new were the investigations of the whole thickness

Card 2/3

Advances of Soviet Aerology.

50-11-4/9

of the stratosphere by means of special apparatus which were carried up by rockets. Soviet aerology has the first data characterizing the existence of the atmosphere and the course of temperature, the pressure and the wind at a height of up to 80 km. In 1949 the first flight of automatic probe balloons was carried out. In the years to follow only within the frame of the central aerologic observatory about 200 flights were carried out with these automatic probe balloons in continuous drift at heights of from 25-27 km. At present the system of radio-probing has more than 150 stations.

AVAILABLE: Library of Congress.

1. Meteorology-USSR
2. Weather forecasting-USSR
3. Atmospheric sounding-Development-USSR

Card 3/3

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9

GOLYSHEV, G.I.

Development of Soviet aerology. Trudy TSAO no.26:3-5 '59.
(MIRA 12:5)
(Meteorological research)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9

GOLYSHEV, G.I.

Investigating gas temperatures in the case of an ascending radiosonde .
Trudy TSAO no.32:36-45 '59. (MIRA 12:12)
(Radiosondes)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9"

GOLYSHEV, Georgiy Ivanovich; MESTON, Boris Leonidovich; MAKSIMENKO,
Ye.V., otv.red.; PROTOPOPOV, V.S., red.; VLADIMIROV, O.G.,
tekhn.red.

[Fundamentals of aeronautics and aviation] Osnovy vozdukhopla-
vania i aviatii. Leningrad, Gidrometeor.izd-vo, 1960. 289 p.
(MIRA 14:1)
(Aeronautics)

PHASE I BOOK EXPLOITATION

SOV/5052

Golyshev, Georgiy Ivanovich, and Boris Leonidovich Meston

Osnovy vozdukhoplavaniya i aviatsii (Principles of Aeronautics and Aviation) Leningrad, Gidrometeoizdat, 1960. 290 p. 5,000 copies printed.

Resp. Ed.: Ye. V. Maksimenko; Ed.: V. S. Protopopov; Tech. Ed.: O. G. Vladimirov.

PURPOSE: This book is intended for students at hydrometeorological teknikums. It may also be used as a manual by personnel of the Hydrometeorological Service concerned with meteorological safety or other aspects of flights of airships and airplanes.

COVERAGE: This textbook outlines briefly the historical development of aviation and the theory of flight. In addition, it gives brief descriptions of the design of airships, airplanes, jet aircraft, and of the basic equipment of modern airplanes. General concepts of aerial navigation, including radio aids, flight safety, and the organization of the civil air fleet of the USSR are discussed.

Card 1/1b

BOROVIKOV, A.M.; GOLYSHEV, G.I.; KOKIN, G.A.

Some structural characteristics of the atmosphere in the Southern Hemisphere. Meteor. i gidrol. no.3:14-20 Mr '62. (MIRA 15:3)
(Atmosphere)

GOLYSHEV, G. I., BOROVISOV, A. M., KOKIN, G. A.

"Some Characteristics of Atmosphere structure of the Southern Hemisphere"

Soviet Papers Presented at Plenary Meetings of Committee on Space Research (COSPAR) and Third International Space Science Symposium, Washington, D. C., 23 Apr - 9 May 62.

S/169/63/000/003/006/042
D265/D307

AUTHORS: Alekseyev, P.P., Besyadovskiy, Ye..., Biryukova, L.A., Golyshov, G.I., Ivanovskiy, A.I., Izakov, I...., Kokin, G.A., Kurilova, Yu.V., Livshits, M.S., Petrov, ..., Rozhdestvenskiy, B.G., Solov'yev, N.V., Speranskii, K.Ye., Khvostikov, I..., Shvidkovskiy, Ye.G. and Shcherba, I.A.

TITLE: Study of the upper layers of the atmosphere with the aid of meteorological rockets

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 5, 1963, 23, abstract 3A166 (Tr. Vses. nauchn. Meteorol. soveshchaniya. T.I.L., Gidrometeoizdat, 1962, 91-103)

TEXT: In the present review-type article the authors give the results of studies carried out at Tsentral'naya aerologicheskaya observatoriya (Central Aerological Observatory) on atmospheric sounding with meteorological rockets. Measuring methods are described and the main points are given for obtaining such atmospheric character-

Card 1/2

S/169/63/000/003/006/042
D263/D307

Study of the upper layers ...

istics as pressure, temperature, and wind. Certain results are given: data of seasonal temperature variations at heights up to 50 km in the middle latitudes of the USSR and in polar regions, cases of sudden warming up, characterization of temperature distribution curves, a table characterizing the temperature inversion below the stratosphere under the conditions of polar night, and data regarding the circulation in the upper atmospheric layers. Information is given on the constructed meridional sections of temperature fields and on the zonal component of the gradient wind. (25 references).
[Abstracter's note: Complete translation]

Card 2/2

GOLYSHEV, G.I.

Third International Symposium on Space Research. Vest.AN SSSR 32
no.8:94-95 Ag '62. (MIRA 15:8)
(Outer space—Exploration)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9

GOLYSHEV, I.

"Singeing Cotton Seed with Hot Gases," Khlopkovodstvo, No.10, 1951

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9"

L 11039-63

EWT(d)/FCC(w)/BDS/EEC-2

ASD/AFMDC/FAD-3/APDC Pz-4/Pk-4/Fo-4/

Pz-4
ACCESSION NR: A13002148

S/2923/52'000/000/0068/0077

AUTHOR: Golyshhev, L. K.

74

TITLE: Arithmetic unit designed with delayed dynamic elements

SOURCE: Vykhislitel'naya matematika i tekhnika; trudy* aspirantov Institute kibernetiki AN USSR. Izd-vo AN UkrSSR, 68-77

TOPIC TAGS: arithmetic unit, computer adder, one-adder computer

ABSTRACT: An "entirely original" arithmetic unit is suggested which comprises only one adder, a code-receiving unit, a readout unit, a delay line in each column, and a local-control unit. Thus, by sacrificing some speed of operation, a number of adders are eliminated. Block diagrams of the units are presented and described. The adder is described in some detail. Adding-type and multiplying-type operations are considered. It is stated that all other operations can be reduced to the adding plus an auxiliary operation. Orig. art. has 5 figures, 9 formulas, and 6 tables.

ASSOCIATION: Institut kibernetiki AN USSR (Institute of Cybernetics, Academy of Sciences UkrSSR)

Card 1/2,

GOLYSHEV, Leonid Konstantinovich, inzh.; CHAYKOVSKIY, L.F., inzh.,
rezensent; KOVAL'CHUK, L.Ya., inzh., red.izd-va;
MATUSEVICH, S.M., tekhn. red.

[Electronic calculating machines] Elektronnye vychislitel'-
nye mashiny. Kiev, Gostekhizdat USSR, 1963. 425 p.
(MIRA 17:1)
(Electronic computers)

GOLOSHCHEV, Leonid Konstantinovich; CHAYKOVSKIY, L.F., inzh.,
retsenzent

[Electronic digital computers] Elektronnye tsifrovye vychislitel'nye mashiny. Izd.2., ispr. i dop. Kiev, Tekhnika, 1965.
447 p. (MIRA 18:5)

L 25557-66 EWT(d)/EWP(1) IJP(c) BB/GG

ACC NR: AM6004764

Monograph

UR/

145

B+1

Golyshev, Leonid Konstantinovich

Electronic digital computers (Elektronnyye tsifrovyye vychislitel'nyye mashiny)
2d ed., rev. and enl., Kiev, Izd-vo "Tekhnika", 1965. 447 p. illus. biblio.
12,000 copies printed

TOPIC TAGS: digital computer, computer technology, computer logic, computer design

PURPOSE AND COVERAGE: The book deals with the equipment and operating principles employed in modern electronic digital computers, describes the principles of programming mathematical problems as illustrated by various typical examples, and contains a brief discussion of the design of machines and some handbook data on computers, their elements, and apparatus. An appendix contains the main characteristics of certain Soviet computers and a glossary of the most widely used terms in computation. The book is intended for students in the appropriate specialties, and also for many engineering and technical workers who wish to become acquainted with electronic digital computers. Author thanks Candidate of Technical Sciences L. N. Dashevskiy, Candidate of Technical Sciences K. G. Samofalov, and the members of the faculty engineer N. V. Skorobagat'ko and F. N. Kiselevskiy for valuable remarks.

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UDC: 681.142.32

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SUB CODE: 14, 12, 09/ SUBM DATE: 12Apr65/ ORIG. REF: 047/ OTH REF: 018

Card 2/2 FW

KAZHIKHIN, V.; GOLYSHEV, L. S.

Agricultural Machinery

Mechanization of fertilizer placement. Khloplovodstvo No. 6, 1951.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

GOLYSHEV, L.S.

A new agricultural practice of seeding "under the hill." Izv. AN
Uz. SSR no.1:125-126 '53. (MIRA 11:3)
(Cotton growing)

GOLYSHEV, Leonid Sergeyevich; SEROIYENKO, Vasilii Anisimovich

[Mechanized cultivation of cotton grown in checkrows] Mekhanizatsiya
obrabotki kvadratno-gnezdovykh posevov khlopychatnika. Tashkent, Gos.
izd-vo Uzbek SSR, 1955. 50 p. (MLRA 10:1)
(Cotton growing)

GOLYSHEV, M.

Opredelenie distantsii strel'by. (Vestnik vozdushnogo flota,
1938, v.20, no.6, p.46-47,diagrs.)
Title tr.: Determination of firing range.

TL504. V45 1938

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9

GOLYSHOV, M.

Air sportsmen at Moscow University. Kryl.rod. 4 no.11:16-17 N '53.

(MIRA 6:11)

(Parachutes)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9"

GOLYSHEV, M.

Subject : USSR/Aeronautics AID P - 1819

Card 1/1 Pub. 35 - 14/18

Author : Golyshhev, M., Lt. Col.

Title : In the sky of the heroic city

Periodical : Vest. voz. flota, 3, 78-81, Mr 1955

Abstract : The author reviews a book The Baltic Sea by Chukovskiy, N., in which stories of air battles over Leningrad during World War II are told.

Institution: None

Submitted : No date

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9

GOLYSHEV, M., podpolkovnik.

Wartime friendship and military comradeship. Kryl. rod. 6 nol:
3-5 Ja '55. (MIRA 8;3)
(Russia—Air Force)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9"

GOLYSHEV, M.

AID P - 2666

Subject : USSR/Aerodynamics

Card 1/1 Pub. 58 - 4/20

Author : Golyshev, M., Lt. Col.

Title : Sources of mastership (Essay)

Periodical : Kryl. rod., 7, 4-5, J1 1955

Abstract : A brief biography of an outstanding flyer, Sivkov,
G. F. Twice Hero of the Soviet Union. Photo of
Sivkov.

Institution : None

Submitted : No date

Golyshev, M.

AID P - 4466

Subject : USSR/Aeronautics - Biographic

Card 1/1 Pub. 58 - 3/10

Author : Golyshev, M., Lt. Col.

Title : In the Service of Motherland

Periodical : Kryl. rod., 2, 5-6, F 1956

Abstract : The article extolls the deeds of Lt. Gen. G. P. Kravchenko, twice Hero of the Soviet Union, killed in an air combat in 1943. One photo.

Institution : None

Submitted : No date

AID P - 5343

Subject : USSR/Aeronautics - bibliography

Card 1/1 Pub. 135 - 22/24

Author : Golyshev, M. I., Lt. Col.

Title : The log book narrates

Periodical : Vest. vozd. flota, 12, 85-86, D 1956

Abstract : Critical review of the article "Na Boyevom Kurse" (On the Bomb Run) by Dmitriy Zyuzin, Hero of the Soviet Union, which was published in issues 7 and 8 in the periodical "Znamya" (Banner) in 1956.

Institution : None

Submitted : No date

STEPANOV, N., polkovnik; GOLYSHEV, N., podpolkovnik.

Regulations of the Armed Forces of the U.S.S.R. on the morale of
Soviet soldiers. Voen.znan. 31 no.7:6-7 J1 '56. (MLRA 10:8)
(Russia--Armed forces--Regulations)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9

GOLYSHEV, M., podpolkovnik.

His beloved profession. Kryl. rod. 8 no.2:8-9 F '57.
(Riazanov, Aleksei Konstantinovich)

(MLBA 10:4)

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CIA-RDP86-00513R000515920019-9"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9

STEPANOV, N., polkovnik; GOLYSHEV, M., polkovnik.

The Soviet pilot, Kryl, red. 8 no. 5:4-5 My '57.
(Russia--Air pilots)

(MLR 10:6)

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CIA-RDP86-00513R000515920019-9"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9

DMITREVSKIY, Nikolay Nikolayevich; OSIPOV, I.A., polkovnik, red.; GOLYSHEV,
M.I., polkovnik, red.; SRIBNIS, N.V., tekhn. red.

[Our air guard] Vozdushnyi strazh. Moskva, Voen. izd-vo M-va
obor. SSSR, 1958. 188 p. (MIRA 11:11)
(Russia--Air force)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9"

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9

GOLYSHEV, M.I., polkovnik

By long routes. Vest. Vozd. Fl. no.5:31-34 My '61. (MIRA 14:8)
(Flight training)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9"

GOLYSHEV, M.I., polkovnik

"Fighter planes" by A.V. Vorozheikin. Reviewed by M.I.
Golyshev. Vest. protivovozd. obor. no.8:78-79 Ag '61.(MIRA 14:8)
(Malhain Gol, Battle of, 1939)
(Vorozheikin, A.V.)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9

GOLYSHEV, M., polkovnik

Wings get stronger during flight. Kryl.rod. 12 no.5:11-12 My
'61. (MIRA 14:7)
(Flight training)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9"

COLYSHEV, M., polkovnik; REBROV, M., inzhener-kapitan

People in service units of the air force. Tyl i snab. Sov. Voor.
SIL 21 no.7:69-74 Jl '61. (MIRA 14:8)
(Airplanes, Military--Maintenance and repair)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9

GOLYSHEV, M., polkovnik; SHIPILOV, I., polkovnik

Pilot of the spaceship. Kryl.rod. 12 no.12:4-6 D '61.
(MIRA 14:11)
(Titov, German Stepanovich, 1935-)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9"

GOLYSHEV, M., polkovnik; SHIPILOV, I., polkovnik

"To the stars again." Vest. Vozd. Fl. no.12:86-88 D '61.
(MIRA 15:3)
(Motion-picture plays) (Astronautics)

GOLYSHEV, M., polkovnik

Astronaut Andrian Nikolaev. Kryl. rod. 13 no. 9:4-5 8 '62.
(MIRA 15:10)

(Nikolaev, Andrian Grigor'evich, 1929-)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9

COLYSHEV, M., polkovnik

Australskaya applavds. Av.i kosm. 45 no.10:81-82 '62. (MIRA 15:10)
(Gagarin, Iurii Alekseevich, 1934-)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9"

GOLYSHEV, M., polkovnik

Fighter-bombers are in the air. Kryl. rod. 15 no. 5:2-3
My '64.
(MIRA 17:8)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9

COLYSHEV, M.I. (Moskva)

Flight of the spaceship "Gemini 4". Priroda 54 no.8:116-117 Ag '65.
(MIRA 18:8)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9"

PA 220100

GOLYSHEV, O. S.

USSR/Metallurgy - Welding, Equipment 1 Jul 52

"Automatic Switch for Cutting Off the Welding Machine During Idle Running," O. S. Golyshev, Engr,
TeNLPIShchESTROY

"Byul Stroit Tekh" No 13, pp 19, 20

Describes switch for disconnecting welding transformer from line during interruptions in welding operation. Performance of switch is based on use of magnetic starter and auxiliary voltage transformer. Gives operational diagram of welding transformer with automatic switch.

220T86

KURIN, M.N.; GOLYSHEV, S.I.; TIKHOMIROV, I.A.

Separation of lithium, sodium, and potassium ions in an ion-exchange column by superimposing a static electric field.
Izv. SO AN SSSR no.7 Ser. khim. nauk no.2:89-93 '64(MIRA 18:1)

1. Tomskiy politekhnicheskiy institut.

GOLYSHEV, S.N.

Structural-facies zones of the Tarbagatai Range and the north-eastern part of the Lake Balkash region. Biul. MOIP Otd.
geol. 40 no. 6:133-134 N-D '65 (MIRA 19:1)

1. Submitted March 9, 1965.

LOSEV, A.G.; BELOUSOV, N.Z. (Khar'kov); GOLYSHEV, V.G. (Khar'kov)

Book on continuous tracks. Put' i put.khoz. 8 no.3:43 '64.
(MIRA 17:3)
1. Nachal'nik tekhnicheskogo otdela sluzhby puti, Moskovskaya doro-
ga , Moskva (for Losev).

GOLYSHEVA, G.P.; INYUTINA, Z.N.; KIRICHENKO, G.S.; MAKALETS, B.I.;
RYABINSKAYA, N.B.

Use of equations of regression in the simulation of processes.
Zav.lab. 31 no.10:1224-1225 '65.

(MIRA 19:1)

1. Nauchno-issledovatel'skiy institut sinteticheskikh spirtov i
organicheskikh produktov.

COLYSHEVA, K. F.

24287 COLYSHEVA, K. F. Materialy o roli golovnogo mozga v regulatsii vegetativnykh i sozhaticheskikh funktsiy. Soobshch. 1. Vliyanije uvaleniya obonyatel'nykh doley i razdrableniya bol'shikh polushariy nizko obonyatel'nykh doley na dykhaniye seroechnyu deyatel'nost'i spinnomozgovyye refleksy.-Soobshch. 2. Vliyanije razdrableniya bol'shikh polushariy atsetilkholinom na dykhaniye, seroechnyu deyatel'nost'i spinnomozgovyye. Refleksy.-Soobshch. 3. Vliyanije razdrableniya bol'shikh polushariy prozirinom na dykhaniye, seroechnyu deyatel'nost'i spinnomozgovyye refleksy. Uchen. zapiski (Leningr. Gos. Ped. IN-T im. Gertsena), T LXXXIII, 1946, s. 231-43. - Bibliogr: S. 243.

SO: Letopis, No. 32, 1949.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9

GOLYSHEVA, NAIADYTA PETROVNA

N/5
633.5
.06

Fiziologiya Cheloveka I Zhivotnykh (Physiology of Man and Beast, by)
K. P. Golysheva I S. I. Galiperin. Moskva, Sovetskaya Nauka, 1956.
621 P. Illus., Diagrs., Graphs, Ports, Tables.

633.5

N/5

MIA

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9"

GAL'PERIN, Solomon Il'ich; GOLYSHEVA, Klavdiya Petrovna; NEFEDOVA,
M.M., red.

[Physiology of man and animals] Fiziologija cheloveka i
zhivotnykh. izd. 3., perer. i dop. Moskva, Vysshiaia
shkola, 1965. 571 p. (MIR 19:1)

KAMKIN, V., ~~COLYSIEVA, L.~~

Fertilizers and Manures

Mechanization of fertilizer placement. Khokovodstvo No. 6, 1951.

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

KECHKER, V.I., kand. med. nauk; ERDMAN, Yu.S.; GOLYSHEVA, L.V.

Behcet's syndrome in toxoplasmosis. Vest. derm. i ven. no.3:
75-77 '65. (MIRA 18:11)

1. Ryazanskiy oblastnoy kozhno-venerologicheskiy dispanser
(glavnnyy vrach - kand. med. nauk V.I. Kechker).

ASTAUROV, B.L.; GOLYSHINA, M.D.; ROGINSKAYA, I.S.

Chromosome complex of the Ussuri geographical race of the wild silkworm *Bombyx mandarina* m. in connection with problems on the origin of the domesticated silk worm *Bombyx mori*. TSitologiya 1 no.3:327-332 My-Je '59. (MIRA 12:10)

1. Laboratoriya eksperimental'noy embriologii Instituta morfologii zhivotnykh AN SSSR, Moskva.
(KHASAN DISTRICT (MARITIME TERRITORY)--SILKWORMS)

GOLYSHEVA, M.D.

Chromosome complex of a Shanghai strain of the wild silkworm
Bombyx mandarina M. TSitologija 3 no.4:467-468 Jl-Ag '61.
(MIRA 24:8)

I. Laboratoriya eksperimental'noy embriologii Instituta morfologii
zhivotnykh AN SSSR, Moskva.
(CHROMOSOMES) (SILKWORMS)

ALEKSEYEV, Yu.Ya.; GOLYSHEVA, M.D.

Isolated occurrence of *Anemone nemorosa* L. in the southeastern part of Moscow Province. Bot. zhur. 47 no.4:579 Ap '62.
(MIRA 15:8)
(Moscow Province—Anemones)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9

SOKOLOVA, S.M.; STAROSTIN, B.A.; SHATALINA, M.S.; KRESHTAPOVA, V.N.;
SKVORTSOV, A.K.; GOLYSHEVA, M.D.; DUNDIN, Yu.K.; PODLFSISKIY, G.I.;
SHKODA, A.M.; DONSKAYA, T.N.; MURTAZANOVA, E.Sh.; LOBACHEV, V.S.;
VORNOV, A.G.; SKOKOVA, N.N.

Brief news. Biul.MOIP.Otd.biol. 70 no.5:130-131 S..0 '65.
(MIRA 18:12)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9"

GOLYSHEVA, M. G.

166T49

USSR/Medicine - Antibiotics
Fungi

21 Jul 50

"Morphology of the Development of the Fungus,
Eremotheicum Ashvyii," M. G. Golysheva, All-Union
Sci Res Vitamin Inst

"Dok Ak Nauk SSSR" Vol LXXIII, No 3, pp 585-587

Observes and discusses characteristic development
and factors affecting development of subject fungus
an important representatives of group used for pro-
duction of antibiotics, vitamins, and enzymes. Sub-
mitted 26 May 50 by Acad A. I. Oparin.

166T49

11C

CA

Effect of catalase on the oxidation of sorbitol by ketogenic microorganisms. R. D. Mikhlin and M. G. Golysheva (Vitamin Inst., Moscow). *Biokhimija* 17, 913 (1952). The addition of catalase to the nutrient medium increased the rate of development of *Acetobacter melanogenum* and *Acetobacter suboxydans* and the oxidation rate of sorbitol to sorbose. These organisms lack catalase. The H₂O₂ formed during intensive oxidation is not decomposed, and retards further growth. Blood can replace catalase in the nutrient medium. H. Priestley

~~MIKHLIN, Ye.D.; GOLYSHEVA, M.G.~~

~~Effect of histidine on oxidation of sorbite by Acetobacter melanogenum.
Doklady Akad. nauk SSSR 82 no.3:439-441 21 Jan 52. (CIML 21:5)~~

- ~~1. Presented by Academician A.I. Oparin 23 November 1951.~~

P U S R A

✓ Sublimation drying of microorganisms used in the vitamin industry for the production of ascorbic acid and riboflavin.
M. G. Golyshev and I. M. Khokhlov. *Trudy Vsesoyuz. Nauch.-Issledovatel. Vitamin. Inst.*, 4, 73 (1953).
Four strains of *Acetobacter aceti-nitrogenum*, four of *A. suboxydans*, and a strain of *Eremothrix arabinus* were used. The bacterial cultures of the bacterial strains on agar slants were suspended with 3-4% sorbitol solution in 0.5% yeast H₂O. The bacterial suspensions (3-4 ml.) were placed in ampuls and lyophilized in a horizontal position 2-3 mm. at 0.3-0.5 mm. Hg. The fungus culture 5-7 days old was suspended in a slant of 3% glucose, 0.15% K₂HPO₄, and 0.5% MgSO₄. Lyophilization was at residual pressure 0.1-0.3 mm. Hg. Sublimation temp. -10 to -15°, drying temp. 25 to 35°, duration of drying 3.5-4.5 hrs. Lyophilized bacteria remained viable and oxidized sorbitol to galactose 8 months after lyophilization, the fungus for only 2-3.5 months. At a sterilization of 12-14 hrs. no difference in viability of the dried bacteria on ascorbic acid. A 5-7-day growth of the bacteria on ascorbic acid with lyophilized *E. arabinus* when cultured in liquid medium.

B. S. Levine

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9"

MIKHILIN, E.D.; GOLYSHEVA, M.G.; KEPPEN, V.A.

Influence of aeration conditions on growth of ketogenic acetic acid
organisms. Mikrobiologiya 21, 521-7 '53. (MLRA 5:9)
(CA 47 no.14:7034 '53)

1. All-Soviet Vitamin Research Inst., Moscow.

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515920019-9"

GOLISHIVA, M.G.; KHOKHLOV, I.M.

Sublimation drying of lactic acid micro-organisms used in the
baking industry. Trudy VNIVI 5:78-88 '54. (MLRA 9:3)

1. Mikrobiologicheskaya i energo-mekhanicheskaya laboratoriya.
(LACTIC ACID BACTERIA)

GOLY SHEVA, M.G.

MIKHLIN, E.D.; GOLYSHEVA, M.G.

Effect of methylene blue on oxidation of sorbitol into sorbose by
Acetobacter melanogenum. Biokhimiia 19 no.5:549-556 S-O '54.

(MLRA 7:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut, Moskva.
(ACETOBACTER,

melanogenum, oxidation of sorbitol into sorbose, eff.
of methylene blue)

(SORBITOL,

oxidation into sorbose by Acetobacter melanogenum, eff.
of methylene blue)

(SORBOSE,

oxidation from sorbitol by Acetobacter melanogenum, eff.
of methylene blue)

(METHYLENE BLUE, effects,

on sorbitol oxidation into sorbose by Acetobacter
melanogenum)

GOLYSHIEVA, M.G.

LEBEDEVA, V.A., laborant; SOKOLOVSKAYA, I.I., doktor biologicheskikh nauk, professor; DROZDOVA, L.P., kandidat biologicheskikh nauk;
GOLYSHIEVA, M.G., kandidat biologicheskikh nauk; KOROTKOV, A.I., kandidat biologicheskikh nauk; MAKSIMOV, Yu.L., zootekhnik.

Importance of antibiotics, sulfa drugs and vitamins in preserving semen. Izv. TSKhA no.2:193-214 '56. (MLRA 9:12)

(Semen) (Antibiotics) (Vitamins)

USSR / General Biology Individual Development.

B

Abs Jour : Ref Zhur - Biol., No 19, 1953, No 35573

Authors : Sokodovskaya, I. I.; Drozdova, L. P.; Golyshova,
A. G.; Korotkov, A. I.; Maksimov, Yu. V.;
Lobedeva, V. A.

Inst : All-Union Academy of Sciences imeni V. I. Lenin
Title : Improvement of Medium for Spera of Farm Animals.

Orig Pub : Dokl. VASKhNIL, 1956, No. 7, 17-24

Abstract : Addition to media for sperm of 200-1,000 units of potassium salt of penicillin, 200 units streptomycin chloride, 1 mg white streptocid, and combination of those substances or 2.5% glycerin to 1 ml of bull's or ram's sperm inhibits the growth of saprophytic microflora, while at the same time preserving sperm mobility and their impregnation capacity when samples are

Card 1/2

"APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000515920019-9"

Abs Jour : Ref Zhur - Biol., No 19, 1953 No 35573

stored at 0°, thus lengthening the possible storage period. Glycerin also increases the effect of refrigeration. 500-100 µ thiamine or 4-30 µ cobalamine in similar circumstances also lengthen the storage period, while thiamine, in addition, increases the bacteriostatic action of the antibiotics. The drying of enzymatic bacteriostatic synthetic media in a vacuum permits their use for over 2 years, makes transportation easier and therefore becomes economically profitable. Formulations for bacteriostatic media are given, which proved justifiable in scientific-productive experiments. -- A. G. Andres.

Card 2/2

GOLYSHEVA, M.G.; RAVAYEVA, M.Yu.; LIBER, L.I.

Microbiological method for the determination of vitamin B₁₂ with
the aid of Ochromonas malhamensis culture. Vop.med.khim. 6 no.1:
100-104 Ja-F '60. (MIRA 13:5)

1. All-Union Research Institute of Vitamins, Moscow.
(VITAMIN B₁₂ chem.)
(PROTOZOA)

GOLYSHEVA, M.G.; RAVAYEVA, M.Yu.

Determination of vitamin B₁₂ by the lamellar-diffusion method.
Trudy VNIVI 6:281-285 '59. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
Mikrobiologicheskaya laboratoriya,
(CYANOCOBALAMINE)

KOCHKIN, D.A.; GOLYSHEVA, M.G.

Metal organic vitamin derivatives. Trudy VNIVI 8:82-86 '61.

(MIRA 14:9)

1. Laboratoriya vitaminov gruppy B i laboratoriya po pereabotke
raستitel'nogo syr'ya Vsesoyuznogo nauchno-issledovatel'skogo
vitaminnogo instituta.

(Tin compounds) (Lead compounds)

GOLYSHEVA, M.G.; ZHDANOVICH, Ye.S.; LIBER, L.I.

Preparation of flavine-adenine dinucleotide by a microbiological
method using an *Eremothecium ashbyii* culture. Vop. med. khim. 9
no.4:371-373 Jl-Ag'63
(MIRA 17: 4)

1. Mikrobiologicheskaya laboratoriya Vsesoyuznogo nauchno-issle-
dovatel'skogo vitaminnogo instituta, Moskva.

GOLYSHEVA, M.O.; GRISHANKOVA, Ye.V.; USPENSKAYA, V.E.; TSIBUL'SKAYA, M.I.;
GOFMAN, L.Kh.; VASINA, T.A.

Preservation of *Eremothecium ashbyii* in active state. Mikrobiologiya
34 no.4:661-665 Jl-Ag '65. (MIFPA 18:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.

L 46203-66 EWT(m)/EWP(j)/T/EWP(t)/ETI IJP(c) JD/NW/JW/JWD/RM
ACC NR: AP6030318 (A) SOURCE CODE: UR/0153/66/009/003/0358/0361⁵⁸

AUTHOR: Fragina, A. R.; Golysheva, Ye. Ya.; Shidlovskiy, A. A. ⁵⁷
^B

ORG: Moscow Institute of Chemical Machine Building (Moskovskiy
institut khimicheskogo mashinostroyeniya)

TITLE: Thermal decomposition of ammonium nitrate in the presence of
catalysts

SOURCE: IVUZ. Khimiya i khimicheskaya tekhnologiya, v. 9, no. 3,
1966, 358-361

TOPIC TAGS: ammonium nitrate, thermal decomposition, decomposition catalyst, combustion catalyst

ABSTRACT: A study has been made of the thermal decomposition of ammonium nitrate at 200—220°C in the presence of 5% of such additives as chromates of metals of groups I and II of the periodic table, potassium dichromate, or chlorides of various metals. The highest catalytic effects on the thermal decomposition of NH_4NO_3 were produced by Li_2CrO_4 , $\text{K}_2\text{Cr}_2\text{O}_7$, CuCl_2 and CrCl_3 . Study of the effect of such binary systems as CuClO_4 or $\text{K}_2\text{Cr}_2\text{O}_7$ and various chlorides showed that the highest catalytic effects on the thermal decomposition of NH_4NO_3 were produced by the systems $\text{K}_2\text{Cr}_2\text{O}_7 + \text{BaCl}_2$, $\text{K}_2\text{Cr}_2\text{O}_7 + \text{MnCl}_2$, and

Card 1/2

UDC: 662.2.393

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L 46203-66

ACC NR: AP6030318

$\text{CuCrO}_4 + \text{MnCl}_2$. It was concluded that these binary systems or Li_2CrO_4 can be used as combustion catalysts for ammonium nitrate. Orig. art. has: 3 tables.

[BO]

SUB CODE: 07/ SUBM DATE: 06Jun64/ ORIG REF: 005/ OTH REF: 002

Card 2/2 fv

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9"

GOLYSHEVA E-4a.

13

Condensation of phenol with paraldehyde. 179
Biminary communication. R. Ya. Golysheva and G. S.
Petrov. *Org. Chem. Ind. (USSR)* 6, 713-7 (1960).
Reaction of 7 mols. of PhOH with 6 mols. of paralaldehyde obtained by vacuum distn. of com. CH_3O_2 in
the presence and in the absence of 0.1% HCl, formed
Naydal, resembling in its compn. the product obtained
from PhOH and β -polyoxymethylene by Polak and Re-
sentfeld (C. A. 53, 1308). Chas. Blane

J GOLYSHEVA, YE. YA.

Surface tension of methyl methacrylate during polymerization. B. N. Rintovskii and L. Ya. Golysheva (Sov. Research Inst. of Aviation Materials, Moscow). *J. Phys. Chem. (U.S.S.R.)*, 21, 309-316 (1947) (USSR Russian). The surface tension γ of methyl methacrylate at 20° is 23.29 ergs/sq. cm. It is lowered by about 2 ergs/sq. cm. by an octanol, a nonanol, and methacrylic acid (their acids, PhCH₂COOH, terpineol, and PhCH₂OH raise γ). Many org. compds. affect the increase of γ during the polymerization of methyl methacrylate. Methacrylic acid and PhCH₂OH increase the yield of the polymer, (e.g., from 18% to 22%), and resin loss; it: ... L.J. Bl...

Process of polymerization of methyl methacrylate at

89342

S/191/61/000/001/002/015
B101/B205

15.8104

AUTHORS: Golysheva, Ye. Ya., Fragina, A. R., Levin, A. N.

TITLE: Copolymerization of styrene with diallyl fumarate

PERIODICAL: Plasticheskiye massy, no. 1, 1961, 7-9

TEXT: An attempt has been made to obtain a styrene copolymer with a better resilience and resistivity to heat than exhibited by polystyrene. Proceeding from papers by Western authors (Ref.7), copolymerization of styrene with diallyl fumarate (DAF) has been studied. A) Copolymerization in emulsion with an addition of 1.5-25% diallyl fumarate to styrene was performed with sodium hexadecane sulfonate as emulsifier and with the following initiators: a) benzoyl peroxide; b) benzoyl peroxide plus FeSO_4 ; c) isopropyl benzoyl hydroperoxide plus Na_2SO_3 . The best results were obtained from the latter initiator: powdery copolymers in a yield of 80-90%. Increasing content of DAF led to slower polymerization than that of pure styrene. In organic solvents, the copolymers were unsoluble or only partly soluble. 5.8 and 2.5% of the copolymer separated with 5 and

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S/191/61/000/001/002/015

B101/B205

Copolymerization of styrene...

10% DAF, respectively. According to an elementary analysis, the copolymers had the following composition:

Ratio of initial monomers	ratio in the copolymer		
styrene	DAF	styrene	DAF
90	10	76.8	23.2
85	15	71.6	28.4
75	25	63.3	36.7

Copolymers with 1.5, 3, and 5% DAF could be easily molded at 150-155°C and 150-180 kg/cm². Pressing was complicated by a high content of DAF. According to Martens, copolymers with 1.5-5% DAF withstood a temperature of 84-89°C, and with polystyrene, 80°C. Resilience was 4.2-4.5 kg·cm/cm² (polystyrene: 5-15 kg·cm/cm²); Brinell hardness was 21.5-22.7 kg/mm² (polystyrene: 18-19 kg/mm²). B) Block copolymerization was carried out in sealed ampoules with 10, 15, and 20% DAF, 0.1% benzoyl peroxide; the substance was heated at 60°C until a viscous product had formed, after which it was solidified at 40°C. The entire process took about 200 hr. The polymerization process was completed by heating at 150-160°C for 10 hr. Solid, transparent copolymers could be mechanically treated. Resistivity to heat: 88-92°C; resilience: 15-18 kg·cm/cm²; Brinell hardness: 21.2-22.8 kg/mm². C) Meltable and soluble copolymers were obtained by copolymerization in a solvent (varnish copolymerization). The solvent

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S/191/61/000/001/002/015

B101/B205

Copolymerization of styrene...

was allyl alcohol in a ratio of 3:1 related to the total number of monomers. After the end of polymerization, the solvent was boiled down in vacuo. A 20% solution in acetone was prepared from the copolymers, which had been purified by dissolution and reprecipitation, and was then applied to metal. After heating, a firmly sticking film of varnish was obtained, which was unsoluble in acetone and withstood a temperature of 200°C for 200 hr and of 300°C for 3-5 hr. The film was tested by means of the Dupont apparatus. The laboratory assistants K. V. Valkina and F. Ye. Shapiro participated in the experiments. There are 1 figure, 1 table, and 9 references: 4 Soviet-bloc and 6 non-Soviet-bloc.

Card 3/3

L 12997-66

ACC NR: AP6000392 SOURCE CODE: UR/0348/65/000/010/0054/0055

AUTHCR: Golyshin, N. (Candidate of Biological Sciences)

ORG: VNIKHSZR 44,55

TITLE: Promising fungicides 44,55

SOURCE: Zashchita rasteniy ot vrediteley i bolezney, no. 10, 1965,
54-55

TOPIC TAGS: plant disease control, fungicide, insecticide, chemical compound

ABSTRACT: The properties and applications of three fungicides are described: pentachlornitrobenzol (Olin Mathieson Chemical Corp.), chloranil or Spergon (Naugatuck Co.), and Karstbane (Robm and Hass Co.). Pentachlornitrobenzol in most cases is applied at the same time as seeds are sown to protect garden vegetables from different types of rot and other diseases. It is also effective against cotton rhizoctonia. This preparation can be used together with aldrin, DDT, endrin, lindane (gamma-isomer), polychlorpinene, captan, and copper oxychloride. Toxicity of pentachlornitrobenzol for warm blooded animals varies; with a 10% solution in corn oil added to standard

Card 1/2

UDC: 632.952

2

L 12997-66

ACC NR: AP6000392

rations of rats, the LD₅₀ for male rats is 1710 mg/kg and for female rats is 1650 mg/kg. Chlорanil is used mostly for treating seeds (beans, peas, clover, corn, flax, alfalfa, soy, sorghum, tobacco, celery) against mildew and other diseases. Toxicity of chloranil is relatively low with LD₅₀ for rats about 4000 mg/kg. Chlорenil is compatible with most pesticides. Karathane is highly effective against mildew and to some extent against mite, but is relatively ineffective in fighting other diseases. The addition of wetting agents increases the effectiveness of karathane against mildew of fruit trees, cucumbers, strawberries and tobacco. Karathane cannot be applied together with calcium arsenate, DNOC, or mineral oils. The toxicity of karathane is slightly higher compared to other fungicides, but is significantly lower than that of insecticides. Orig. art. has: None

SUB CODE: 06/
02/ SUBM DATE: 00/ ORIG REF: 000/ OTH REF: 000

Card 2/2 HW

MEL'NIKOV, N.N.; SOKOLOVA, Ye.M.; SKALOZUBOVA, A.V.; TRUNOV, P.P.; ZUBOV,
M.F.; GOLYSHIN, N.M.

Investigation of new copper-free fungicides for green plants
and new mercury-free seed disinfectants. [Trudy] NIUIF no.164:
16-20 '59. (MIRA 15:5)

(Fungicides) (Seeds—Disinfection)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9

MOROZOVA, M.A.; KOL'TSOV, N.S.; TRUSHKINA, N.I.; ZUBOV, M.F.; GOLYSHIN, N.M.

Copper-containing fungicides for green plants. [Trudy] NIUIF
no.164:38-40 '59. (MIRA 15:5)
(Fungicides) (Copper compounds)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000515920019-9"

KRUTITSKAYA, M.N., ORLOV, V.I., IVANOVA, B.S., ANDREYEVA, Ye.I.,
COLYSHIN, N.M., ZUBOV, M.F.

Investigation of zinc subchromates as new fungicides for the
treatment of green plants and seeds. [Trudy] NIUIF no.167:173-185
'60. (MIRA 13:8)

(Zinc chromates)

(Fungicides)

GOLYSHIN, N.M., ZUBOV, M.F., KRUTITSKAYA, M.N., ORLOV, V.I.

Comparative fungicidal activity of some basic copper and zinc salts.
[Trudy] NIUIF no.167:186-192 '60. (MIRA 13:8)
(Copper salts) (Zinc salts) (Fungicides)

GOLYSHIN, N.M., nauchnyy sotrudnik; ZUBOV, M.F., nauchnyy sotrudnik

Preparation of the captan group in controlling the gray mold of straw-
berries and apple scab. Zashch. rast. ot vred. i bol. 6 no.12:28 D
'61. (MIRA 16:5)

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